


		NTSB ID: DEN02LA031		Aircraft Registration Number: N8SD	
		Occurrence Date: 03/10/2002		Most Critical Injury: None	
		Occurrence Type: Accident		Investigated By: NTSB	
Location/Time					
Nearest City/Place Windsor	State CO	Zip Code 80551	Local Time 1110	Time Zone MST	
Airport Proximity: Off Airport/Airstrip		Distance From Landing Facility:		Direction From Airport:	
Aircraft Information Summary					
Aircraft Manufacturer Doyle		Model/Series Kitfox III		Type of Aircraft Airplane	
Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On March 10, 2002, approximately 1110 mountain standard time, a Doyle Kitfox III amateur-built airplane, N8SD, was substantially damaged when it nosed over during a forced landing near Windsor, Colorado. The private pilot and a passenger were not injured. Visual meteorological conditions prevailed, and no flight plan had been filed for the personal flight being conducted under Title 14 CFR (Code of Federal Regulations) Part 91. The flight originated at Greeley, Colorado, at 1045, and was en route to Loveland, Colorado.</p> <p>According to the pilot's accident report, he was cruising at 800 feet above the ground when the engine lost power. He made a forced landing in a hay field. The tall grass caused the airplane to nose over, crushing the vertical stabilizer.</p> <p>According to a statement made to the Weld County Sheriff's Office, the pilot indicated that "the engine stopped and the propeller also came to a complete stop." He also stated he was unsuccessful in attempting to restart the engine in flight.</p> <p>Contacted after the accident, the pilot surmised "a fuel flow problem" had resulted in the loss of engine power.</p>					
FACTUAL REPORT - AVIATION					

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		Occurrence Type: Accident			
Landing Facility/Approach Information					
Airport Name	Airport ID:	Airport Elevation Ft. MSL	Runway Used	Runway Length	Runway Width
Runway Surface Type: Unknown					
Runway Surface Condition: Unknown					
Type Instrument Approach: Unknown					
VFR Approach/Landing: Forced Landing					
Aircraft Information					
Aircraft Manufacturer Doyle		Model/Series Kitfox III		Serial Number 1001	
Airworthiness Certificate(s): Experimental (Special)					
Landing Gear Type: Tailwheel					
Homebuilt Aircraft? Yes	Number of Seats: 2	Certified Max Gross Wt.	1050 LBS	Number of Engines: 1	
Engine Type: Reciprocating	Engine Manufacturer: Rotax	Model/Series: 582 LC	Rated Power: 66 HP		
- Aircraft Inspection Information					
Type of Last Inspection Conditional	Date of Last Inspection 01/2002	Time Since Last Inspection 10 Hours	Airframe Total Time 380 Hours		
- Emergency Locator Transmitter (ELT) Information					
ELT Installed?	ELT Operated?	ELT Aided in Locating Accident Site?			
Owner/Operator Information					
Registered Aircraft Owner W. Scott Doyle		Street Address On File			
		City Fort Collins	State CO	Zip Code 80526	
Operator of Aircraft Same as Reg'd Aircraft Owner		Street Address Same as Reg'd Aircraft Owner			
		City	State	Zip Code	
Operator Does Business As:			Operator Designator Code:		
- Type of U.S. Certificate(s) Held: None					
Air Carrier Operating Certificate(s):					
Operating Certificate:			Operator Certificate:		
Regulation Flight Conducted Under: Part 91: General Aviation					
Type of Flight Operation Conducted: Personal					
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First Pilot Information																																																																																					
Name		City		State	Date of Birth	Age																																																																															
On File		On File		On File	On File	53																																																																															
Sex: M	Seat Occupied: Left	Principal Profession: Unknown		Certificate Number: On File																																																																																	
Certificate(s): Private																																																																																					
Airplane Rating(s): Single-engine Land																																																																																					
Rotorcraft/Glider/LTA: None																																																																																					
Instrument Rating(s): None																																																																																					
Instructor Rating(s): None																																																																																					
Type Rating/Endorsement for Accident/Incident Aircraft? No				Current Biennial Flight Review? 01/2001																																																																																	
Medical Cert.: Class 3		Medical Cert. Status: Valid Medical--w/ waivers/lim.			Date of Last Medical Exam: 06/2000																																																																																
<table border="1"> <tr> <th rowspan="2">- Flight Time Matrix</th> <th rowspan="2">All A/C</th> <th rowspan="2">This Make and Model</th> <th rowspan="2">Airplane Single Engine</th> <th rowspan="2">Airplane Multi-Engine</th> <th rowspan="2">Night</th> <th colspan="2">Instrument</th> <th rowspan="2">Rotorcraft</th> <th rowspan="2">Glider</th> <th rowspan="2">Lighter Than Air</th> </tr> <tr> <th>Actual</th> <th>Simulated</th> </tr> <tr> <td>Total Time</td> <td>450</td> <td>350</td> <td>450</td> <td></td> <td>6</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pilot In Command(PIC)</td> <td>450</td> <td>350</td> <td>450</td> <td></td> <td>6</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Instructor</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 90 Days</td> <td>8</td> <td>8</td> <td>8</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 30 Days</td> <td>4</td> <td>4</td> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 24 Hours</td> <td>2</td> <td>2</td> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>							- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air	Actual	Simulated	Total Time	450	350	450		6						Pilot In Command(PIC)	450	350	450		6						Instructor											Last 90 Days	8	8	8								Last 30 Days	4	4	4								Last 24 Hours	2	2	2							
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Seatbelt Used? Yes		Shoulder Harness Used? Yes		Toxicology Performed? No		Second Pilot? No																																																																															
Flight Plan/Itinerary																																																																																					
Type of Flight Plan Filed: None																																																																																					
Departure Point		State	Airport Identifier	Departure Time	Time Zone																																																																																
Greeley		CO	GXY	1045	MDT																																																																																
Destination		State	Airport Identifier																																																																																		
Fort Collins		CO	FNL																																																																																		
Type of Clearance: None																																																																																					
Type of Airspace: Class G																																																																																					
Weather Information																																																																																					
Source of Briefing: No record of briefing																																																																																					
Method of Briefing: Unknown																																																																																					


 National Transportation Safety Board FACTUAL REPORT AVIATION		NTSB ID: DEN02LA031	
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		Occurrence Type: Accident	

Weather Information					
WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
GXY	1115	MST	4658 Ft. MSL	15 NM	270 Deg. Mag.
Sky/Lowest Cloud Condition: Clear			Ft. AGL	Condition of Light: Day	
Lowest Ceiling: None			Ft. AGL	Visibility: 10 SM	Altimeter: 30.04 "Hg
Temperature: 4 °C	Dew Point: -5 °C	Wind Direction: 100		Density Altitude: 4338	Ft.
Wind Speed: 4	Gusts:	Weather Conditions at Accident Site: Visual Conditions			
Visibility (RVR): Ft.	Visibility (RVV) SM	Intensity of Precipitation:			
Restrictions to Visibility: None					
Type of Precipitation: None					

Accident Information					
Aircraft Damage: Substantial		Aircraft Fire: None		Aircraft Explosion: None	
Classification: U.S. Registered/U.S. Soil					
- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL
First Pilot				1	1
Second Pilot					
Student Pilot					
Flight Instructor					
Check Pilot					
Flight Engineer					
Cabin Attendants					
Other Crew					
Passengers				1	1
- TOTAL ABOARD -				2	2
Other Ground					
- GRAND TOTAL -				2	2

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FACTUAL REPORT - AVIATION					
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	Occurrence Date: 03/10/2002	
	Occurrence Type: Accident	
Administrative Information		
Investigator-In-Charge (IIC) Arnold W. Scott		
Additional Persons Participating in This Accident/Incident Investigation: Robert C Bunderson Air Safety Inspector - Airworthiness FAA - Flight Standards District Office 26805 E. 68th Ave #200 Denver, CO 80249		
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